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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/683,183	11/29/2001	Todd Kueny	011450	1028
23464	7590	11/24/2004	EXAMINER	
BUCHANAN INGERSOLL, P.C. ONE OXFORD CENTRE, 301 GRANT STREET 20TH FLOOR PITTSBURGH, PA 15219			CAMPBELL, JOSHUA D	
			ART UNIT	PAPER NUMBER
			2179	

DATE MAILED: 11/24/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/683,183	Applicant(s) KUENY, TODD	
	Examiner Joshua D Campbell	Art Unit 2179	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 November 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>3/2002 and 3/2003</u> | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is responsive to communications: Application filed on 11/29/2001, Preliminary Amendment filed on 03/11/2002, and IDS filed on 03/07/2002 and 03/23/2003.
2. Claims 1-19 are pending in this case. Claims 1 and 6 are independent claims.

Information Disclosure Statement

3. The examiner has considered the information disclosure statements filed on 03/07/2000 and 03/23/2003.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Aizikowitz et al. (hereinafter Aizikowitz, US Patent Application Publication Number 2002/0049702, US filing date of February 3, 2000) in view of Think121.com (hereinafter think121, www.think121.com, published in October of 2000).

Regarding independent claim 1, Aizikowitz discloses a method in which a description of a composite page is parsed and stored (Pages 1-2, paragraphs 0011-0037 of Aizikowitz). Then, opening one or more input files base that identify unique

resources based on the description and that file (Pages 1-2, paragraphs 0011-0037 of Aizikowitz). Aizikowitz also discloses that the resources are then copied to an output file, each unique resource is copied to said output file only once (Pages 1-2, paragraphs 0011-0037 of Aizikowitz). Aizikowitz does not disclose a method in which a composite graphic page is created from the resources which is then copied to the output file.

However, think121 discloses a method in which a composite graphic page is created from resources which is then stored in an output file (Pages 2-3 of think121). It would have been obvious to one of ordinary skill in the art at the time the invention was made to have combined the methods of Aizikowitz and think121 because it would have provided a way to quickly create and personalize documents to be view by large audiences.

Regarding dependent claims 2 and 3, Aizikowitz discloses a method in which the description is in a compositing language, ASCII text (Page 3, paragraphs 0051-0055 of Aizikowitz).

Regarding dependent claims 4 and 5, Aizikowitz discloses a method in which unused resources are copied to the output file (Pages 1-2, paragraphs 0011-0037 of Aizikowitz). Aizikowitz also discloses that the description of the file is also copied to the output file (Pages 1-2, paragraphs 0011-0037 of Aizikowitz).

Regarding independent claim 6, Aizikowitz discloses a method in which a description of a composite page is parsed and stored (Pages 1-2, paragraphs 0011-0037 of Aizikowitz). Then, opening one or more input files base that identify unique resources based on the description and that file (Pages 1-2, paragraphs 0011-0037 of

Aizikowitz). Aizikowitz also discloses that the resources are then copied to an output file, each unique resource is copied to said output file only once (Pages 1-2, paragraphs 0011-0037 of Aizikowitz). Aizikowitz does not disclose a method in which a composite graphic page is created from the resources which is then copied to the output file, Aizikowitz also does not disclose that the method is performed using PDF input files, COS objects and PDF content streams. However, think121 discloses a method in which a composite graphic page is created from resources which is then stored in an output file (Pages 2-3 of think121). Think121 also discloses that customizations can be performed using input PDF files, COS objects, based on PDF content streams (Pages 2-3 and 29-37 of think121). It would have been obvious to one of ordinary skill in the art at the time the invention was made to have combined the methods of Aizikowitz and think121 because it would have provided a way to quickly create and personalize documents to be view by large audiences.

Regarding dependent claims 7-10, the claims incorporate substantially similar subject matter as claims 2-5. Thus, the claims are rejected along the same rationale as claims 2-5.

Regarding dependent claims 11-13, Aizikowitz does not disclose a method in which COS objects are assigned unique identifiers, that a PDF content stream is assembled as a COS array-type object, or that the arrays reference the COS objects using the unique identifiers. However, think121 discloses a method in which COS objects receive unique identifiers that are reference by a content stream using a COS array-type object (Page 29-37 of think121). It would have been obvious to one of

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ordinary skill in the art at the time the invention was made to have combined the methods of Aizikowitz and think121 because it would have provided a way to quickly create and personalize documents to be view by large audiences.

Regarding dependent claims 14-19, Aizikowitz does not disclose a method in which a composite graphic page consists of a base page and zero or more overlaid pages. However, think121 discloses a method in which a composite graphic page consists of a base page and zero or more overlaid pages (Page 29-37 of think121). It would have been obvious to one of ordinary skill in the art at the time the invention was made to have combined the methods of Aizikowitz and think121 because it would have provided a way to quickly create and personalize documents to be view by large audiences.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

US Patent Number 6,476,833

US Patent Number 6,604,105

US Patent Number 6,635,089

US Patent Number 6,720,985

US Patent Number 6,801,673


US Patent Application Publication Number 2002/0067502

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joshua D Campbell whose telephone number is (571) 272-4133. The examiner can normally be reached on M-F (8:00 AM - 4:30 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Herndon can be reached on (571) 272-4136. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JDC
November 19, 2004


HEATHER R. HERNDON
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TECHNOLOGY CENTER 2100